USB 3.0 4-Port Front Panel Hub

User Manual

Ver. 1.00

Contents:

Chapter 1: Introduction

1.1 Product Introduction

This USB 3.0 4-Port Front Panel Hub let you get the fastest way to connect up to USB 3.0 devices quickly and easily. It built-in four USB 3.0 Super-Speed ports, and this internal USB 3.0 4-Port Front Panel Hub device fits into 3.5" drive bay to save the desktop space, and it works seamlessly with all USB 1.1 and USB 2.0 devices.

With 10 times faster throughput than USB 2.0 standard and backward compatible with current USB device features, you can enjoy fast access for high-bandwidth device such as External hard drives, High resolution webcams, Video display solutions, Blu-Ray drives, and all other USB devices.

1.2 Features

- Four downstream and one upstream ports (share with one Apple device fast charging USB port)
- Installs in any available 3.5" or 5.25" device bay

- Works with high-bandwidth SuperSpeed USB 3.0 devices, such as external hard disks, memory card readers, high resolution webcams, camcorders, digital video cameras, multi-channel audio, and more
- Compliant with Universal Serial Bus 3.0 specifications
- Supports simultaneous operation of multiple USB 3.0, USB 2.0 and USB 1.1 devices
- Up to 5Gbps data transfer rate
- Hot-swapping feature allows you to connect/disconnect devices without powering down the system
- No device drivers required for hardware installation

1.3 System Requirements

- Windows® XP/Vista/7 (32/64 bit)
- Desktop PC with an available USB port (USB 3.0 recommended)
- One available 3.5" or 5.25" drive bay

1.4 Package Contents

- 1 x USB 3.0 4-Ports Front Panel Hub
- 1 x User Manual
- 1 x USB 3.0 Cable
- 1 x 5.25" bay mounting kit (optional)

Note: Contents may vary depending on country/market.
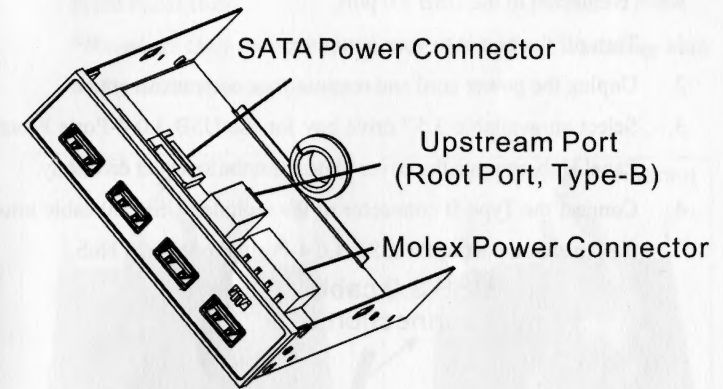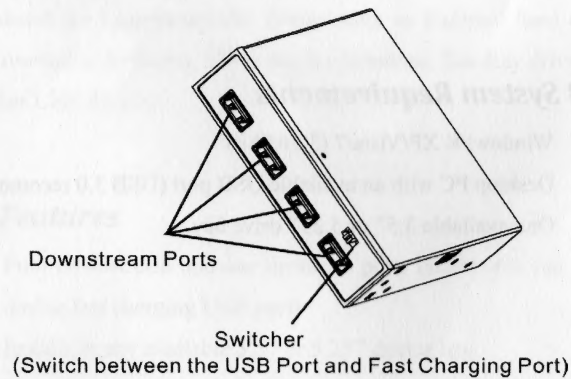
Chapter 2: Getting Started

2.1 Hardware Layout

Downstream Ports

Switcher
(Switch between the USB Port and Fast Charging Port)

SATA Power Connector

Upstream Port
(Root Port, Type-B)

Molex Power Connector

Figure 1. USB 3.0 4-Port Front Hub Layout

2.2 Hardware Installation

Important: The USB 3.0 4-Ports Front Panel Hub only works at USB 3.0 Super-Speed when connected to a USB 3.0 host controller. Otherwise it will work as a USB 2.0 or USB 1.1 hub when connected to USB 2.0 or USB 1.1 host controller, respectively.

In order for the USB 3.0 4-Ports Front Panel Hub to work as a USB 3.0 hub, the driver for your existing USB 3.0 host controller has to be

properly installed. This hub will automatically be detected and installed when connected to the USB 3.0 port.

1. Turn off the power to your computer.
2. Unplug the power cord and remove your computer's cover.
3. Select an available 3.5" drive bay for the USB 3.0 4-Ports Front Panel Hub, remove the cover plate from the selected drive bay.
4. Connect the Type-B connector of the included USB 3.0 cable into the Upstream port of the USB 3.0 4-Ports Front Panel Hub.
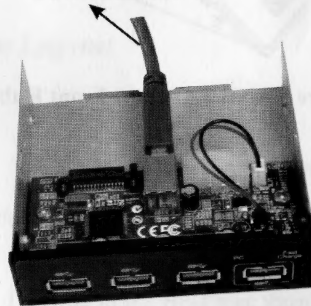
USB 3.0 cable
connection

Figure 2. Connecting the USB 3.0 Cable

5. Plug in either the SATA Power Connector* or Molex Power Connector* from the system power supply to the USB 3.0 4-Ports Front Panel Hub.

Warning: Only connect one power connector. Connecting both will result in system damage.

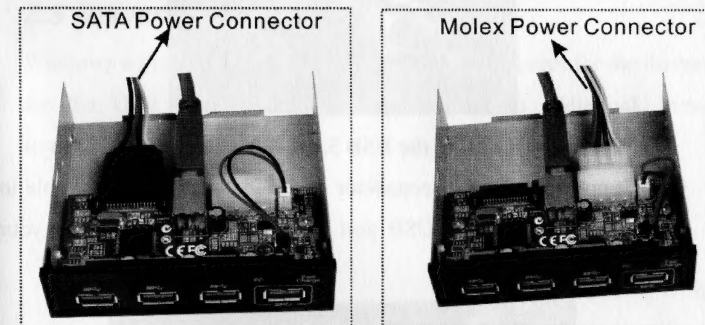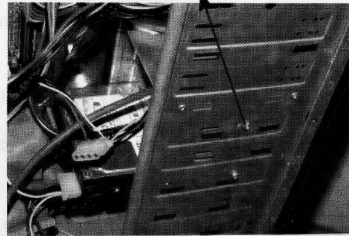SATA Power Connector   Molex Power Connector

Figure 3. Connecting the Power Cable

6. Carefully thread the cables through the drive bay opening the push the hub assembly into the drive bay. Align the hub's screw holes with the appropriate holes in the drive bay, then carefully attach the USB 3.0 4-Ports Front Panel Hub to the case using the included mounting screws. Be careful not to over tighten the
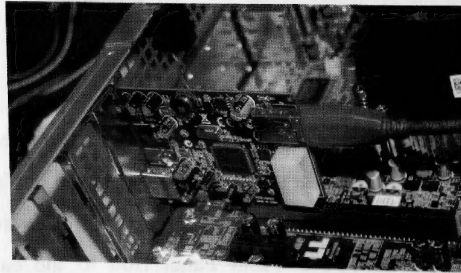
mounting screws.

Mounting Screw

Figure 4. Mounting the USB 3.0 4-Ports Front Panel Hub

7. Connect the Type-A connector of the included USB 3.0 cable to the internal Type-A USB port (USB 3.0 recommended) in your system.

Figure 5. Internal USB Connection

8. Replace the computer cover and reconnect the power cord, then turn the system on.

2.3 Driver Installation

Windows will automatically detect and install the drives for the drivers for the USB 3.0 4-Ports Front Panel Hub, no additional driver installation is needed.